

underlayer,

a second magnetic layer, and

a non-magnetic intermediate layer formed between
said first magnetic layer and said second magnetic layer,

said first magnetic layer and said second magnetic
layer being magnetized in the antiparallel direction in
the absence of an applied magnetic field, the amount of
Pt contained in said first magnetic layer is no less
than 3 at% and no more than 9 at%.

3. A magnetic recording medium according to Claim
1, wherein said underlayer contains Cr and Ti.

4. A magnetic recording medium according to Claim
3, wherein said underlayer additionally contains B.

5. A magnetic recording medium according to Claim
1, wherein said non-magnetic intermediate layer has a
thickness of 0.3 to 0.9 nm.

6. A magnetic recording medium according to Claim
3 further comprising;

a metal film having an amorphous structure or

microcrystalline structure, which is formed between said substrate and said underlayer containing Cr and Ti.

7. A magnetic recording medium according to Claim 6, wherein;

the metal film composed of an alloy containing Ta and Ni.

8. A magnetic storage which comprises a magnetic recording medium, a drive unit to turn the magnetic recording medium, a magnetic head consisting of a writing part and a reading part, a means to move the magnetic head relative to the magnetic recording medium, and a signal processing unit to send and receive signals to and from the magnetic head, wherein the reading part of said magnetic head is a giant magneto-resistive effect element or has a tunnel junction which produces the magneto-resistive effect, and said magnetic recording medium is one which is defined in Claim 1.

9. A magnetic storage which comprises a magnetic recording medium, a drive unit to turn the magnetic recording medium, a magnetic head consisting of a writ-

ing part and a reading part, a means to move the magnetic head relative to the magnetic recording medium, and a signal processing unit to send and receive signals to and from the magnetic head, wherein the reading part of said magnetic head is a giant magneto-resistive effect element or has a tunnel junction which produces the magneto-resistive effect, and said magnetic recording medium is one which is defined in Claim 2.

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